

K. Nomura	
A refinement of the split decomposition of a tridiagonal pair	1
T. Furuta	
Reverse inequalities involving two relative operator entropies and two relative entropies	24
R. Felipe, N. López-Reyes, F. Ongay and R. Velásquez	
Yang-Baxter equations on matrix dialgebras with a bar unit	31
S.M. El-Sayed and M.G. Petkov	
Iterative methods for nonlinear matrix equations $X + A^{\star}X^{-\alpha}A = I$.	45
W.F. Trench	
Multilevel matrices with involutory symmetries and skew symmetries	53
K.S. Berenhaut and D. Bandyopadhyay	
Monotone convex sequences and Cholesky decomposition of symmetric Toeplitz matrices	75
E. Ed-dari	
On the numerical index of Banach spaces.	86
O. Rojo and R. Soto	
The spectra of the adjacency matrix and Laplacian matrix for some balanced trees	97
K. Nomura	
Tridiagonal pairs of height one	118
X. Li and E. Arroyo	
A condition for the superiority of the (2,2)-step methods over the related Chebyshev method	143
K.C. Smith and L. van Wyk	
A concrete matrix field description of some Galois fields	159
D. Chillag, R. Holzman and I. Yona	
Primitive normal matrices and covering numbers of finite groups . . .	165
D. Kobal	
Belitskii's canonical form for 5×5 upper triangular matrices under upper triangular similarity.	178
C. Kravvaritis, M. Mitrouli and J. Seberry	
On the growth problem for skew and symmetric conference matrices	183
G. Dahl	
A method for approximating symmetrically reciprocal matrices by transitive matrices	207

Table of Contents continued

A. Böttcher and D. Wenzel	
How big can the commutator of two matrices be and how big is it typically?	216
C. Meng, X. Hu, L. Zhang and F. Uhlig	
Completion of an orthogonal projector and a related inverse mapping problem.	229
A. Fošner	
Order preserving maps on the poset of upper triangular idempotent matrices.	248
H. Myšková	
Interval systems of max-separable linear equations	263
B. Zheng and Y. Sheng	
On transformation partly preserving a nonsingular bilinear function	273
A. Cossidente and A. Siciliano	
On some maximal subgroups in Aschbacher's class \mathcal{C}_5	285
A. Klein, G. Mélard and P. Spreij	
On the resultant property of the Fisher information matrix of a vector ARMA process	291
G.-S. Cheon and I.M. Wanless	
An update on Minc's survey of open problems involving permanents	314
F.D. Martínez Pería, P.G. Massey and L.E. Silvestre	
Weak matrix majorization.	343
S. Matsumoto	
α -Pfaffian, pfaffian point process and shifted Schur measure	369
P. Ji and L. Wang	
Lie triple derivations of TUHF algebras.	399
M. Fiedler	
Geometry of the Laplacian	409
J. Benítez and N. Thome	
Idempotency of linear combinations of an idempotent matrix and a t -potent matrix that commute.	414
Author index to volume 403	419

